

Product Information

MemDX™ Membrane Protein Human SLC39A6 (Solute carrier family 39 member 6) Full

Length

Cat. No.: **MPC0849K**

This product is for research use only and is not intended for diagnostic use.

This product is a 85 kDa Human SLC39A6 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

SLC39A6

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

85 kDa

TMD

6

Sequence

MARKLSVILITFALSVTNPLHELKAAAFPQTTEKISPNWESGINVDLAI
STRQYHLQQLFYRYGENNSLSVEGFRKLLQNIGIDKIKRIHHHDHDS
DHEHSDHERHSDHEHHSEHEHSDHDHSHHNHAASGKNKRKALCPDHD
SDSSGKDPRNSQGGKAHRPEHASGRRNVKDSVSASEVTSTVYNTVSEGTH
FLETIETPRPGKLFPKDVSSSTPPSVTSKSRVSRLAGRKTNESVSEPRKG
FMYSRNTNENPQECFNASKLLTSHGMGIQVPLNATEFNLYLCPAIINQIDA
RSCLHTSEKKAEIPPKTYSLQIAWVGGFIAISISFLSLLGVILVPLMN
RVFFKFLLSFLVALAVGTLSGDAFLHLLPHSHASHHHSHSHEEPAMEMKR
GPLFSHLSSQNIEESAYFDSTWKGLTALGGLYFMFLVEHVLTLIKQFKDK
KKKNQKKPENDDVEIKKQLSKYESQLSTNEEKVDTDDRTEGYLRADSQE
PSHFDSQQPAVLEEEVMIHAHPQEVYNEYVPRGCKNKCHSHFHDTLGQ
SDDLIIHHHDYHHILHHHHHQNHHPHSHSQRYSREELKDAGVATLAWMVI
MGDGLHNFSDGLAIGAAFTGLSSGLSTSVAVFCHELPHELGDFAVLLKA
GMTVKQAVLYNALSAMLAYLGMATGIFIGHYAENVSMWIFALTAGLFMYV
ALVDMVPEMLHNDASDHGCSRWGYFFLQNAGMLLGFGIMLLISIFEHKIV
FRINF

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

SLC39A6

Full Name

Solute carrier family 39 member 6

Introduction

Zinc is an essential cofactor for hundreds of enzymes. It is involved in protein, nucleic acid, carbohydrate, and lipid metabolism, as well as in the control of gene transcription, growth, development, and differentiation. SLC39A6 belongs to a subfamily of proteins that show structural characteristics of zinc transporters.

Alternative Names

ZIP6; LIV-1; zinc transporter ZIP6; LIV-1 protein, estrogen regulated; ZIP-6; estrogen-regulated protein LIV-1; solute carrier family 39 (metal ion transporter), member 6; solute carrier family 39 (zinc transporter), member 6; zrt- and Irt-like protein 6; SLC39A6; Solute carrier family 39 member 6

Gene ID

[25800](#)

UniProt ID

[Q13433](#)